

Converting Colors

Yxy(56.4131, 0.3708, 0.3159)

Have a look what the booklet for
Yxy(56.4131, 0.3708, 0.3159)
contains.

Yxy(56.4220, 0.3706, 0.3156)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4220, 0.3706, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1BE
RGB	255, 177, 190
RGB Percent	100%, 69%, 75%
CMY	0.0000, 0.3058, 0.2550
CMYK	0.00, 0.31, 0.25, 0.00
HSL	350°, 100%, 85%
HSV	350°, 31%, 100%
XYZ	66.2547, 56.4220, 56.1002
YIQ	201.8040, 42.3150, 20.5790

Conversions

Conversions Part 2

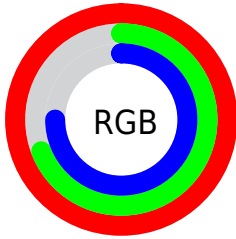
Format	Color
R _Y B	255, 177, 190
Decimal	16757182
CIE Lab	79.85, 30.17, 4.93
CIE LCh	80, 30.571, 9.277
Yxy	56.4220, 0.3706, 0.3156
Android (android.graphics.Color)	4294947262 (0xFFFFB1BE)
YUV	201.8040, -5.8194, 46.6529
Hunter-Lab	75.1146, 25.9952, 8.2988

Details

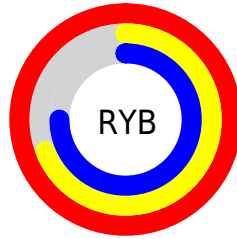
The Yxy color **56.4220, 0.3706, 0.3156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.2807, 0.2749, 0.3431**, and the grayscale version is **58.9520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1916, 0.3194, 0.3164**, and **28.0918, 0.3857, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **46.4112, 0.3991, 0.3112**, and if you desaturate by 10%, it is **68.4551, 0.3474, 0.3202**.

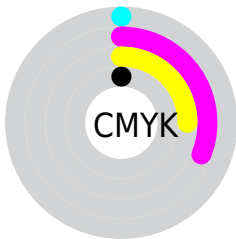
Distribution



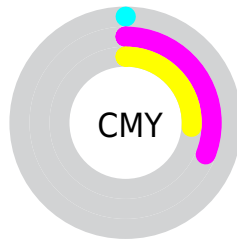
- Red (100%)
- Green (69%)
- Blue (75%)



- Red (100%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (31%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4220, 0.3706, 0.3156 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 56.4220, 0.3706, 0.3156 by changing the saturation by 10% instead.


 56.4220, 0.3706,
0.3156

 56.4220, 0.3706,
0.3156

411.2799, 0.3424,
0.3224

 40.5414, 0.3774,
0.3139


 99.6213, 0.3605,
0.3181

 27.9609, 0.3860,
0.3116


127.7088, 0.3567,
0.3190

 18.2962, 0.3972,
0.3086


160.6340, 0.3534,
0.3198

 11.1628, 0.4124,
0.3045

198.7813, 0.3506,
0.3205

 6.1765, 0.4341,
0.2982

242.5352, 0.3482,
0.3211

 2.9527, 0.4675,
0.2881

292.2800, 0.3460,

 1.1071, 0.5254,

0.3216

0.2694

348.4001, 0.3441,
0.3220

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4220, 0.3706,
0.3156

56.4220, 0.3706,
0.3156

46.4112, 0.3991,
0.3112

68.4551, 0.3474,
0.3202

38.3049, 0.4333,
0.3073

82.6059, 0.3286,
0.3246

31.9837, 0.4727,
0.3047

98.9721, 0.3135,
0.3288

27.3120, 0.5157,
0.3042

100.0000, 0.3127,
0.3290

■ 24.1345, 0.5581,
0.3065

■ 22.2660, 0.5946,
0.3119

■ 21.4301, 0.6194,
0.3186

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.4220, 0.3340, 0.2875



56.4220, 0.3706, 0.3156



56.4220, 0.3910, 0.3481

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.4220, 0.3706, 0.3156



56.4220, 0.3282, 0.3987



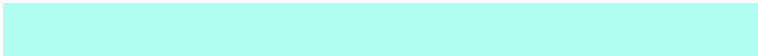
56.4220, 0.2415, 0.2751

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.4220, 0.3706, 0.3156



87.2807, 0.2749, 0.3431

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4220, 0.2403, 0.3017



56.4220, 0.3706, 0.3156



56.4220, 0.2887, 0.3766

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.4220, 0.3706, 0.3156



56.4220, 0.3651, 0.3982



56.4220, 0.2570, 0.3394



56.4220, 0.2602, 0.2642

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.4220, 0.3706, 0.3156



56.4220, 0.3920, 0.3690



56.4220, 0.2570, 0.3394



56.4220, 0.2391, 0.2823

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.4243, 0.3706, 0.3156



85.0497, 0.3260, 0.3253



57.5451, 0.3061, 0.2503



17.7235, 0.3284, 0.3247



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4243, 0.3706, 0.3156



49.7756, 0.3882, 0.3127



67.1492, 0.3741, 0.3562



18.0363, 0.3268, 0.3251



11.2120, 0.6163, 0.3168



1.1049, 0.5883, 0.3014

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.4243, 0.3706, 0.3156



49.7756, 0.3882, 0.3127



72.6083, 0.2652, 0.3000



18.0363, 0.3268, 0.3251



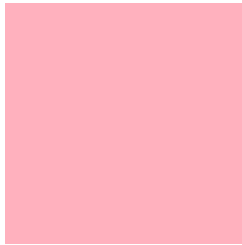
11.2120, 0.6163, 0.3168



1.1049, 0.5883, 0.3014

Previews

White Background



This preview shows how the Yxy color 56.4220, 0.3706, 0.3156 looks on a white background.

Color Contrast Check

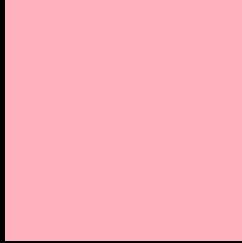
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 56.4220, 0.3706, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4220, 0.3706, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 56.4220, 0.3706, 0.3156.



This preview shows how white text looks on a background with the Yxy color 56.4220, 0.3706, 0.3156.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.4220, 0.3706, 0.3156

Protanopia

56.5671, 0.3129, 0.3242

Deuteranopia

56.8167, 0.3415, 0.3348



Tritanopia

56.4220, 0.3706, 0.3156

Trichromacy



Original Color

56.4220, 0.3706, 0.3156

Protanomaly

56.2303, 0.3329, 0.3211

Deuteranomaly

56.6639, 0.3518, 0.3280

Tritanomaly

56.4220, 0.3706, 0.3156

Monochromacy



Original Color

56.4220, 0.3706, 0.3156

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.5893, 0.3317, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4220, 0.3706, 0.3156 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 177, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 177, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 190) }
```

Border

The CSS property to change the border of an element to Yxy 56.4220, 0.3706, 0.3156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 177, 190) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 177, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 177, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4220, 0.3706, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
177, 190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor